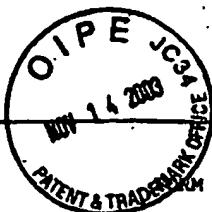




FORM PTO-1449  <u>INFORMATION DISCLOSURE STATEMENT</u>				ATTY. DOCKET NO. 1700.0310001/BJD/SJE	APPLICATION NO. 10/617,876		
				APPLICANT BACHMANN et al.			
				FILING DATE July 14, 2003	GROUP 1614		
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
MW	AA1	4,722,840	02/02/1988	Valenzuela et al.			09/19/1985
	AB1	5,071,651	12/10/1991	Sabara et al.			03/05/1990
	AC1	5,143,726	09/01/1992	Thornton et al.			11/20/1989
	AD1	5,334,394	08/02/1994	Kossovsky et al.			01/04/1993
	AE1	5,374,426	12/20/1994	Sabara et al.			10/30/1989
	AF1	5,580,859	12/03/1996	Felgner et al.			03/18/1994
D	AG1	5,698,424	12/16/1997	Mastico et al.			01/03/1995
	AH1	5,739,026	04/14/1998	Garoff et al.			08/13/1992
	AI1	5,766,602	06/16/1998	Xiong et al.			01/19/1995
	AJ1	5,770,380	06/23/1998	Hamilton et al.			09/13/1996
J	AK1	5,789,245	08/04/1998	Dubensky, Jr. et al.			10/30/1996
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
MW	AL1	WO 92/11291 A1	07/09/1992	WIPO			Yes No
	AM1	WO 96/30523 A2	10/03/1996	WIPO			Yes No
	AN1	WO 97/31948 A1	09/04/1997	WIPO			Yes No
	AO1	WO 98/15631 A1	04/16/1998	WIPO			Yes No
	AP1	WO 00/32227 A2	06/08/2000	WIPO			Yes No
<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
MW	AR	1	Abraham, J.M., et al., "An invertible element of DNA controls phase variation of type 1 fimbriae of Escherichia coli," Proc. Natl. Acad. Sci. USA 82:5724-5727, National Academy Press (1985)				
	AS	1	Abraham, S.N., et al., "Glycerol-Induced Unraveling of the Tight Helical Conformation of Escherichia coli Type 1 Fimbriae," J. Bacteriol. 174:5145-5148, American Society for Microbiology (1992)				
	AT	1	Adhin, M.R., et al., "Nucleotide Sequence from the ssRNA Bacteriophage JP34 Resolves the Discrepancy between Serological and Biophysical Classification," Virology 170:238-242, Academic Press, Inc. (1989)				
EXAMINER	<i>MW</i>				DATE CONSIDERED <i>6-22-05</i>		
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All refs. on pages 1-94, 128-129 considered -  
too many to initial + sign them all.



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MJM	AA2 5,792,462	08/11/1998	Johnston et al.			05/23/1995
	AB2 5,814,482	09/29/1998	Dubensky, Jr. et al.			10/30/1996
	AC2 5,871,747	02/16/1999	Gengoux-Sedlik et al.			04/28/1995
	AD2 5,928,647	07/27/1999	Rock			09/15/1995
	AE2 6,004,763	12/21/1999	Gengoux et al.			05/12/1998
	AF2 6,054,312	04/25/2000	Larocca et al.			08/29/1997
	AG2 6,231,864 B1	05/15/2001	Birkett			02/11/1999
	AH2 6,380,364 B1	04/30/2002	Mueller et al.			10/06/1999
	AI2 2002/0064533 A1	05/30/2002	Murray			06/04/2001
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	AK2 2003/0157479 A1	08/21/2003	Bachmann et al.			11/07/2002

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
MJM	AL2 WO 00/59928 A1	10/12/2000	WIPO			Yes No
	AM2 WO 00/23955 A1	04/27/2000	WIPO			Yes No
	AN2 WO 01/62284 A2	08/30/2001	WIPO			Yes No
	AO2 WO 01/85208 A2	11/15/2001	WIPO			Yes No
	AP2 WO 99/28478 A1	06/10/1999	WIPO			Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY B. MOSHER, PH.D. PRIMARY EXAMINER	AR	2	Aguzzi, A., "Prion diseases, blood and the immune system: concerns and reality," <i>Haematologica</i> 85:3-10, Il Pensiero Scientifico Editore (January 2000)
	AS	2	Ansel, K.M., et al., "In Vivo-activated CD4 T Cells Upregulate CXC Chemokine Receptor 5 and Reprogram Their Response to Lymphoid Chemokines," <i>J. Exp. Med.</i> 190:1123-1134, The Rockefeller University Press (1999)
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Mosher 11/22/08



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MM	AL4	EP 0 465 081 B1	04/20/1994	Europe			Yes No
	AM4	EP 0 283 505 B1	07/06/1994	Europe			Yes No
	AN4	WO 94/15585 A1	07/21/1994	WIPO			Yes No
	AO4	EP 0 425 082 B1	04/26/1995	Europe			Yes No
	AP4	WO 96/05293 A1	02/22/1996	WIPO			Yes No
<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	4	Bachmann, M.F., and Zinkernagel, R.M., "The influence of virus structure on antibody responses and virus serotype formation," <i>Immunol. Today</i> 17:553-558, Elsevier Science, Ltd. (1996)				
	AS	4	Bachmann, M.F., and Zinkernagel, R.M., "Neutralizing Antiviral B Cell Responses," <i>Annu. Rev. Immunol.</i> 15:235-270, Annual Reviews, Inc. (1997)				
	AT	4	Bachmann, M.F., et al., "TRANCE, a Tumor Necrosis Factor Family Member Critical for CD40 Ligand-independent T Helper Cell Activation," <i>J. Exp. Med.</i> 189:1025-1031, The Rockefeller University Press (1999)				
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	AM5	WO 99/40934 A1	08/19/1999	WIPO			Yes No
	AN5	WO 99/67293 A1	12/29/1999	WIPO			Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	5	Banerjee, R.R., and Lazar, M.A., "Dimerization of Resistin and Resistin-like Molecules Is Determined by a Single Cysteine," J. Biol. Chem. 276:25970-25973, The American Society for Biochemistry and Molecular Biology, Inc. (July 2001)				
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	5	Bernhagen, J., et al., "Purification, Bioactivity, and Secondary Structure Analysis of Mouse and Human Macrophage Migration Inhibitory Factor (MIF)," Biochemistry 33:14144-14155, American Chemical Society (1994)				
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	2	Blomfield, I.C., et al., "Type 1 Pimbriation and fimE Mutants of Escherichia coli K-12," J. Bacteriol. 173:5298-5307, American Society for Microbiology (1991)				
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	8	Bonci, A., et al., "Relatedness and Phylogeny Within the Family of Periplasmic Chaperones Involved in the Assembly of Pili or Capsule-Like Structures of Gram-Negative Bacteria," <i>J. Mol. Evol.</i> 44:299-309, Springer-Verlag (1997)				
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FORM PTO-1449  <u>INFORMATION DISCLOSURE STATEMENT</u>		ATTY. DOCKET NO. 1700.0310001/BJD/SJE	APPLICATION NO. 10/617,876
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>12</u>	Chabaud, M., et al., "Human Interleukin-17. A T Cell-Derived Proinflammatory Cytokine Produced by the Rheumatoid Synovium," <i>Arthritis Rheum.</i> 42:963-970, Wiley-Liss, Inc. (1999)				
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	13	Clark-Lewis, I., et al., "Chemical Synthesis, Purification, and Characterization of Two Inflammatory Proteins, Neutrophil Activating Peptide 1 (Interleukin-8) and Neutrophil Activating Peptide 2," <i>Biochemistry</i> 30:3128-3135, American Chemical Society (1991)				
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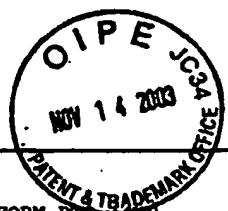


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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	19	Pehr, T., et al., "Role of Repetitive Antigen Patterns for Induction of Antibodies Against Antibodies," <i>J Exp. Med.</i> 185:1785-1792, The Rockefeller University Press (1997)
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*Mosher*

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*11/22/08*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-872 <b>INFORMATION DISCLOSURE STATEMENT</b>		ATTY. DOCKET NO. 1700.0310001/BJD/SJE	APPLICATION NO. 10/617,876
		APPLICANT BACHMANN et al.	
		FILING DATE July 14, 2003	GROUP 1614

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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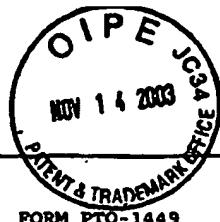
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	20	Forssmann, U., et al., "Botaxin-2, a Novel CC Chemokine that Is Selective for the Chemokine Receptor CCR3, and Acts Like Botaxin on Human Eosinophil and Basophil Leukocytes," J. Exp. Med. 185:2171-2176, The Rockefeller University Press (1997)
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EXAMINER	<i>Moser</i>	DATE CONSIDERED	<i>7/27/03</i>
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



FORM PTO-1449 <b>INFORMATION DISCLOSURE STATEMENT</b>			ATTY. DOCKET NO. 1700.0310001/BJD/SJS		APPLICATION NO. 10/517,876		
			APPLICANT BACHMANN et al.				
			FILING DATE July 14, 2003		GROUP 1614		
<b>U.S. PATENT DOCUMENTS</b>							
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AO							Yes No
AP							Yes No
<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
<b>MARY E. MOSHER, PH.D. PRIMARY EXAMINER</b>	AR	21	Fujiwara, K., et al., "Novel preparation method of immunogen for hydrophobic haptan, enzyme immunoassay for daunomycin and adriamycin," <i>J. Immunol. Methods</i> 45:195-203, Elsevier/North-Holland Biomedical Press (1981)				
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EXAMINER <i>M. Mosher</i>					DATE CONSIDERED <i>11/20/03</i>		
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AP							Yes No
<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	22	Gherardi, E. et al., "A single-step procedure for cloning and selection of antibody-secreting hybridomas," <i>J. Immunol. Methods</i> 126: 61-68, Elsevier (1990)				
	AS	22	Golmohammadi, R., et al., "The crystal structure of bacteriophage Q $\beta$ at 3.5 $\text{\AA}$ resolution," <i>Structure</i> 4:543-554, Current Biology, Ltd. (1996)				
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EXAMINER <i>Mosher</i>					DATE CONSIDERED 10/22/08		
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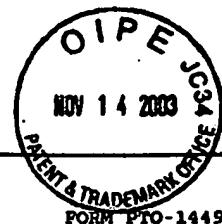
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AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	23	Hanes, J., et al., "Picomolar affinity antibodies from a fully synthetic naive library selected and evolved by ribosome display," Nat. Biotechnol. 18:1287-1292, Nature Publishing Company (December 2000)
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	AT	23	Hanson, M.S., and Brinton, Jr., C.C., "Identification and characterization of <i>E. coli</i> type-1 pilus tip adhesion protein," Nature 332:265-268, Nature Publishing Group (1988)
EXAMINER <i>Mosher</i>			DATE CONSIDERED <i>11/21/03</i>

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AL							Yes No
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<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
<b>MARY E. MOSHER, PH.D. PRIMARY EXAMINER</b>	AR	24	Harrison, J.L., et al., "Screening of Phage Antibody Libraries," <i>Methods Enzymol.</i> 267:83-109, Macmillan Publishers, Ltd. (1996)				
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	AT	24	Hedrick, J.A., and Zlotnik, A., "Identification and Characterization of a Novel B Chemokine Containing Six Conserved Cysteines," <i>J. Immunol.</i> 159: 1589-1593, The American Association of Immunologists (1997)				
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AL							Yes No
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AN							Yes No
AO							Yes No
AP							Yes No

**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	25	Heveker, N., et al., Dissociation of the signalling and antiviral properties of SDF-1-derived small peptides." <i>Curr. Biol.</i> 8:369-376, Current Biology, Ltd. (1998)
	AS	25	Hirel, P.-H., et al., "Extent of N-terminal methionine excision from <i>Escherichia coli</i> proteins is governed by the side-chain length of the penultimate amino acid," <i>Proc. Natl. Acad. Sci. USA</i> 86:8247-8251, National Academy Press (1989)
	AT	25	Holmes, W.D., et al., "Solution Studies of Recombinant Human Stromal-Cell-Derived Factor-1," <i>Prot. Expr. Purif.</i> 21:367-377, Academic Press (April 2001)

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
<b>MARY E. MOSHER, PH.D.</b> <b>PRIMARY EXAMINER</b>	AR	26	Holmgren, A., et al., "Conserved immunoglobulin-like features in a family of periplasmic pilus chaperones in bacteria," <i>EMBO J.</i> 11:1617-1622, Oxford University Press (1992)				
	AS	26	Holmgren, A., and Bränden, C.-I., "Crystal structure of chaperone protein PapD reveals an immunoglobulin fold," <i>Nature</i> 342:248-251, Nature Publishing Group (1989)				
	AT	26	Hultgren, S.J., et al., "The PapG adhesin of uropathogenic <i>Escherichia coli</i> contains separate regions for receptor binding and for the incorporation into the pilus," <i>Proc. Nat. Acad. Sci. USA</i> 86:4357-4361, National Academy Press (1989)				
<b>EXAMINER</b> <i>Mosher</i>				<b>DATE CONSIDERED</b> <i>01/27/05</i>			
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AL							Yes No
AM							Yes No
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AP							Yes No
<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
<b>MARY E. MOSHER, PH.D. PRIMARY EXAMINER</b>	AR	27	Hultgren, S.J., et al., "PapD and superfamily of periplasmic immunoglobulin-like pilus chaperones," <i>Adv. Prot. Chem.</i> 44:99-123, Academic Press, Inc. (1993)				
	AS	27	Hultgren, S.J., et al., "Pilus and Nonpilus Bacterial Adhesins: Assembly and Function in Cell Recognition," <i>Cell</i> 73:887-901, Cell Press (1993)				
	AT	27	Hultgren, S.J., et al., "Bacterial Adhesins and Their Assembly," in <i>Escherichia coli and Salmonella</i> , Neidhardt, F.C., et al., eds., ASM Press, Washington, D.C. pp. 2730-2756 (1996)				
EXAMINER <i>M. Mosher</i>					DATE CONSIDERED <i>11/22/03</i>		
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<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	28	Humbles, A.A., et al., "Kinetics of Eotaxin Generation and Its Relationship to Eosinophil Accumulation in Allergic Airways Disease: Analysis in a Guinea Pig Model In Vivo." <i>J. Exp. Med.</i> 186:601-612, The Rockefeller University Press (1997)				
	AS	28	Hung, D.L., et al., "Molecular basis of two subfamilies of immunoglobulin-like chaperones," <i>EMBO J.</i> 15:3792-3805, Oxford University Press (1996)				
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EXAMINER <i>Mosher</i>			DATE CONSIDERED <i>01/22/05</i>				
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	AP						Yes No

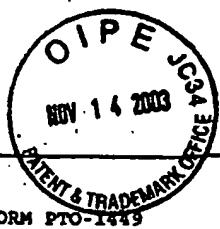
## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	29	Ikeda, T., et al., "Determination of Three Isoforms of the Receptor Activator of Nuclear Factor- $\kappa$ B Ligand and Their Differential Expression in Bone and Thymus," <i>Endocrinology</i> 142:1419-1426, The Endocrine Society (April 2001)
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	AT	29	Jacob-Dubuisson, F., et al., "PapD chaperone function in pilus biogenesis depends on oxidant and chaperone-like activities of DsbA," <i>Proc. Natl. Acad. Sci. USA</i> 91:11552-11556, National Academy Press (1994)

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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	30	Jacob-Dubuisson, F., et al., "Initiation of assembly and association of the structural elements of a bacterial pilus depend on two specialized tip proteins." EMBO J. 12:837-847, Oxford University Press (1993)				
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	AT	30	Jiang, X., et al., "Norwalk Virus Genome Cloning and Characterization." Science 250:1580-1583, American Association for the Advancement of Science (1990)				
EXAMINER <i>M. Mosher</i>			DATE CONSIDERED <i>11/22/03</i>				
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	AP						Yes No

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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	31	Jones, C.H., et al., "PimC is a periplasmic PapD-like chaperone that directs assembly of type 1 pili in bacteria," Proc. Natl. Acad. Sci. USA 90:8397-8401, National Academy Press (1993)
	AS	31	Jones, C.H., et al., "PimH adhesin of type 1 pili is assembled into a fibrillar tip structure in the Enterobacteriaceae," Proc. Natl. Acad. Sci. USA 92:2081-2085. National Academy Press (1995)
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EXAMINER

*M. E. Mosher*

DATE CONSIDERED

*10/22/03*

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<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	32	Jovanovic, D.V., et al., "IL-17 Stimulates the Production and Expression of Proinflammatory Cytokines, IL- $\beta$ and TNF- $\alpha$ , by Human Macrophages," <i>J. Immunol.</i> 160:3513-3521, The American Association of Immunologists (1998)				
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	46	Matsumoto, M., et al., "Role of Lymphotoxin and the Type 1 TNF Receptor in the Formation of Germinal Centers," <u>Science 271:1289-1291, American Association for the Advancement of Science (1996)</u>				
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<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
<b>MARY E. MOSHER, PH.D. PRIMARY EXAMINER</b>	AR	47	Mayer, K.L., and Stone, M.J., "NMR Solution Structure and Receptor Peptide Binding of the CC Chemokine RANTES," <i>Biochemistry</i> 39:8382-8395, American Chemical Society (July 2000)				
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MARIE MOSHER, PH.D. PRIMARY EXAMINER	AR	48	Mikulowska, A., et al., "Macrophage Migration Inhibitory Factor Is Involved in the Pathogenesis of Collagen Type II-Induced Arthritis in Mice," J. Immunol. 158:5514-5517, The American Association of Immunologists (1997)				
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	50	Moriya, C., et al., "Large quantity production with extreme convenience of human SDF-1 $\alpha$ and SDF-1 $\beta$ by a Sendai virus vector," <i>FEBS Lett.</i> 425:105-111, Amsterdam Elsevier Science B.V. (1998)
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	51	Nagira, M., et al., "Molecular Cloning of a Novel Human CC Chemokine Secondary Lymphoid-Tissue Chemokine That Is a Potent Chemoattractant for Lymphocytes and Mapped to Chromosome 9p13." <i>J. Biol. Chem.</i> 272:19518-19524, The American Society for Biochemistry and Molecular Biology, Inc. (1997)
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	52	Neirynck, S., et al., "A universal influenza A vaccine based on the extracellular domain of the M2 protein," <i>Nat. Med.</i> 5:1157-1163, Nature Publishing Company (1999)				
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	53	Nilsson, P., et al., "Mutations Affecting mRNA Processing and Fimbrial Biogenesis in the <i>Escherichia coli</i> <i>psp</i> Operon," <i>J. Bacteriol.</i> 178:683-690, American Society for Microbiology (1996)
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	54	Olszewska, W., et al., "Protection against Measles Virus-Induced Encephalitis by Anti-mimotope Antibodies: The Role of Antibody Affinity," <i>Virology</i> 272:98-105. Academic Press (June 2000)
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<b>MARY E. MOSHER, PH.D. PRIMARY EXAMINER</b>	AR	55	O'Shea, E.K., et al., "Evidence That the Leucine Zipper Is a Coiled Coil," Science 243:538-542, American Association for the Advancement of Science (1989)				
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<b>MARY E. MOSSER, PH.D. PRIMARY EXAMINER</b>	AR	57	Presta, L.G., et al., "Humanization of an Anti-Vascular Endothelial Growth Factor Monoclonal Antibody for the Therapy of Solid Tumors and Other Disorders," <i>Cancer Res.</i> 57:4593-4599, The American Association for Cancer Research (1997)				
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	58	Renner, W.A., et al., "Recombinant Cyclin B Expression Activates Proliferation and Obviates Surface Attachment of Chinese Hamster Ovary (CHO) Cells in Protein-Free Medium," <i>Biotech. Bioeng.</i> 47:476-482, John Wiley & Sons, Inc. (1995)				
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<b>MARY E. MOSHER, PH.D.</b> <b>PRIMARY EXAMINER</b>	AR	59	Roesch, P.L., and Blomfield, I.C., "Leucine alters the interaction of the leucine-responsive regulatory protein (Lrp) with the fim switch to stimulate site-specific recombination in <i>Escherichia coli</i> ," <i>Mol. Microbiol.</i> 27:751-761, Blackwell Science, Ltd. (1998)				
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<u>U.S. PATENT DOCUMENTS</u>							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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AL							Yes No
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AO							Yes No
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	60	Romagnani, S., "The Th1/Th2 paradigm," <i>Immunol. Today</i> 18:263-266, Elsevier Science, Ltd. (1997)				
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<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	61	Russell, P.W., and Orndorff, P.E., "Lesions in Two <i>Escherichia coli</i> Type 1 Pilus Genes Alter Pilus Number and Length without Affecting Receptor Binding," <i>J. Bacteriol.</i> 174:5923-5935, American Society for Microbiology (1992)				
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<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
<b>MARY E. MOSHER, PH.D. PRIMARY EXAMINER</b>	AR	62	Schenk, D., et al., "Immunization with amyloid- $\beta$ attenuates Alzheimer-disease-like pathology in the PDAPP mouse," <i>Nature</i> 400:173-177, Nature Publishing Group (1999)				
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<b>MARY E. MOSHER, PH.D. PRIMARY EXAMINER</b>	AR	63	Slonim, L.N., et al., "Interactive surface in the PapD chaperone cleft is conserved in pilus chaperone superfamily and essential in subunit recognition and assembly," <i>EMBO J.</i> 11:4747-4756, Oxford University Press (1992)				
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	64	Soto, G.E., et al., "Periplasmic chaperone recognition motif of subunits mediates quaternary interactions in the pilus," EMBO J. 17:6155-6167, Oxford University Press (1998)				
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MARY E. MOSHER, R.H.D. PRIMARY EXAMINER	AR	55	Stollar, V., "Togaviruses in Cultured Arthropod Cells," in <i>The Togaviruses. Biology, Structure, Replication</i> , Schlesinger, R.W., ed., Academic Press, Inc. New York, N.Y., pp.583-621 (1980)				
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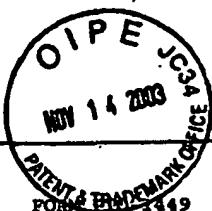
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	66	Sturchler-Pierrat, C., et al., "Two amyloid precursor protein transgenic mouse models with Alzheimer disease-like pathology," Proc. Natl. Acad. Sci. USA 94:13287-13292, National Academy Press (1997)				
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<u>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</u>							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	67	Tanimori, H., et al., "Enzyme immunoassay of neocarzinostatin using $\beta$ -galactosidase as label." <i>J. Pharm. Dyn.</i> 4:812-819, Pharmaceutical Society of Japan (1981)				
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AN							Yes No
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AP							Yes No

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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	68	Teunissen, M.B.M., et al., "Interleukin-17 and Interferon- $\gamma$ Synergize in the Enhancement of Proinflammatory Cytokine Production by Human Keratinocytes," J. Invest. Dermatol. 111:645-649, The Society for Investigative Dermatology, Inc. (1998)
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<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
<b>MARY E. MOSHER, PH.D. PRIMARY EXAMINER</b>	AR	69	Topchieva, I., and Karezin, K., "Self-Assembled Supramolecular Micellar Structures Based on Non-ionic Surfactants and Cyclodextrins," <i>J. Colloid Interface Sci.</i> 213:29-35, Academic Press (1999)				
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AO							Yes No
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<b>MARY E. MOSHER, PH.D. PRIMARY EXAMINER</b>	AR	70	Vicari, A.P., et al., "Antitumor Effects of the Mouse Chemokine 6Ckine/SLC Through Angiostatic and Immunological Mechanisms." <i>J. Immunol.</i> 165:1992-2000, The American Association of Immunologists (August 2000)
	AS	70	Visintin, M. et al., "Selection of antibodies for intracellular function using a two-hybrid in vivo system." <i>Proc. Natl. Acad. Sci. USA</i> 96:11723-11728, National Academy Press (1999)
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	71	Warnes, A., et al., "Expression of the measles virus nucleoprotein gene in <i>Escherichia coli</i> and assembly of nucleocapsid-like structures," <i>Gene</i> 160:173-178, Elsevier Science B.V. (1995)
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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	72	Witherell, G.W., and Uhlenbeck, O.C., "Specific RNA Binding by Q $\beta$ Coat Protein," Biochemistry 28:71-76, American Chemical Society (1989)				
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	AT	72	Wu, Q., et al. "Reversal of Spontaneous Autoimmune Insulitis in Nonobese Diabetic Mice by Soluble Lymphotoxin Receptor," J. Exp. Med. 193:1327-1332, The Rockefeller University Press (June 2001)				
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AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	73	Wuttke, M., et al., "Structural Characterization of Human Recombinant and Bone-derived Bone Sialoprotein," J. Biol. Chem. 276:36839-36846, The American Society for Biochemistry and Molecular Biology, Inc. (2001)
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

*Mosher* 11/22/06

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FORM PTO-1449  <b>INFORMATION DISCLOSURE STATEMENT</b>			ATTY. DOCKET NO. 1700.0310001/BJD/SJE		APPLICATION NO. 10/617,876		
			APPLICANT BACHMANN et al.				
			FILING DATE July 14, 2003		GROUP 1614		
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	AP						Yes No
<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
<b>MARY E. MOSHER, PH.D. PRIMARY EXAMINER</b>	AR	74	Yao, Z., et al., "Human IL-17: A Novel Cytokine Derived from T Cells," J. Immunol. 155:5483-5486, The American Association of Immunologists (1995)				
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<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
<b>MARY E. MOSHER, PH.D.</b> <b>PRIMARY EXAMINER</b>	AR	75	Yuan, T-T., et al., "Subtype-Independent Immature Secretion and Subtype-Dependent Replication Deficiency of a Highly Frequent, Naturally Occurring Mutation of Human Hepatitis B Virus Core Antigen," <i>J. Virol.</i> 73:10122-10128, American Society for Microbiology (1999)				
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<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
<b>MARY E. MOSHER, PH.D. PRIMARY EXAMINER</b>	AR	76	Zimmermann, N., et al., "Murine Eotaxin-2: A Constitutive Eosinophil Chemokine Induced by Allergen Challenge and IL-4 Overexpression," <i>J. Immunol.</i> 165:5839-5846, The American Association of Immunologists (November 2000)				
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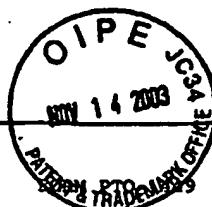
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AM							Yes No
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<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
<b>MARY E. MOSHER, PH.D. PRIMARY EXAMINER</b>	AR	78	International Search Report for International Application No. PCT/IB02/00168 mailed on November 4, 2002. European Patent Office, Netherlands (2002)				
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AM							Yes No
AN							Yes No
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EXAMINER	<i>M. Mosher</i>	DATE CONSIDERED	<i>7/22/05</i>
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	80	International Search Report for International Application No. PCT/IB 02/00166, mailed January 31, 2003. European Patent Office, Netherlands (2002)				
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AL4							Yes No
AM4							Yes No
AN4							Yes No
AO4							Yes No
AP4							Yes No
<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	81	Boersma, M., et al., "A temperature-regulated replicon-based DNA expression system," Nat. Biotechnol. 18:429-432, Nature America, Inc. (April 2000)				
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AN							Yes No
AO							Yes No
AP							Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	PH.D. MARY E. MOSHER, PRIMARY EXAMINER	AR	82	Connor, R.I., et al., "Immunological and Virological Analyses of Persons Infected by Human Immunodeficiency Virus Type 1 while Participating in Trials of Recombinant gp120 Subunit Vaccines," J. Virol. 72:1552-1576, American Society for Microbiology (1998)			
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EXAMINER	<i>Mosher</i>	DATE CONSIDERED	<i>10/22/05</i>
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
		AR	83	de la Cruz, V.P., et al., "Immunogenicity and Epitope Mapping of Foreign Sequences via Genetically Engineered Filamentous Phage," J. Biol. Chem. 263:4318-4322, The American Society for Biochemistry and Molecular Biology, Inc. (1988)			
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		AT	83	Ebina, S., et al., "Chemical Modification of Bovine Pancreatic Trypsin Inhibitor for Single Site Coupling of Immunogenic Peptides for NMR Conformational Analysis," J. Biol. Chem. 264:7882-7888, The American Society for Biochemistry and Molecular Biology, Inc. (1989)			

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	AM						Yes No
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
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	AT	85	Hahn, C.S., et al., "Infectious Sindbis virus transient expression vectors for studying antigen processing and presentation," Proc. Natl. Acad. Sci. USA 89:2679-2683, National Academy Press (1992)				
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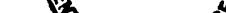


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EXAMINER <i>M. Mosher</i>					DATE CONSIDERED <i>6/22/03</i>		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



 1449	ATTY. DOCKET NO.	APPLICATION NO.
	1700.0310001/BJD/SJE	10/617,876
	APPLICANT	
	BACHMANN et al.	
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	July 14, 2003	1614
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

OTHER (including Author, Title, Date, Pertinent Pages, etc.)

MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	<u>87</u>	Iannolo, G., et al., "Construction, Exploitation and Evolution of a New Peptide Library Displayed at High Density by Fusion to the Major Coat Protein of Filamentous Phage," <i>Biol. Chem.</i> 378:517-521, Walter de Gruyter & Co. (1997)
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	AM						Yes No
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	AO						Yes No
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	AO						Yes No
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<i>Mosher</i>				07/20/05			

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MARY E. MOSHER, PH.D. PRIMARY EXAMINER	AR	90	Pumpens, P. and Grens, B., "Hepatitis B core particles as a universal display model: a structure-function basis for development," FEBS Lett. 442:1-6, Elsevier Science B.V. on behalf of the Federation of European Biochemical Societies (1999)				
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	AM						Yes No
	AN						Yes No
	AO						Yes No
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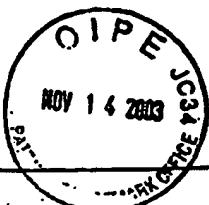
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AL						Yes No
AM						Yes No
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	AT	92	Townsend, A., and Bodmer, H., "Antigen recognition by class I-restricted T lymphocytes," <i>Ann. Rev. Immunol.</i> 7:601-624, Annual Reviews, Inc. (1989)

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AL							Yes No
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	AR	93	VanCott, T.C., et al., "Antibodies with Specificity to Native gp120 and Neutralisation Activity against Primary Human Immunodeficiency Virus Type 1 Isolates Elicited by Immunization with Oligomeric gp160," J. Virol. 71:4319-4330, American Society for Microbiology (1997)				
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AL							Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	94	Dialog File 351, Accession No. 9831660, Derwent WPI English language abstract for WO 94/06472 (Document AP3)	NO AVAILABLE DATE			
MARY E MOSHER, PH.D. PRIMARY EXAMINER	AS	94	International Preliminary Examination Report for International Application No. PCT/IB99/01925. European Patent Office, Munich (August 2000) (not for publication)				
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EXAMINER	Moser				DATE CONSIDERED	6/7/05	

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<b>APPLICANT</b> <b>BACHMANN et al.</b>		
<b>FILING DATE</b> <b>July 14, 2003</b>		<b>GROUP</b> <b>1614</b>
<u><b>INFORMATION DISCLOSURE STATEMENT</b></u>		

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AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>95</u>	NCBI Entrez, GenBank Report, Accession No. P03153, from Seeger, C., et al. (January 1990)
	AS	<u>95</u>	NCBI Entrez, GenBank Report, Accession No. X59397, from Jordan, C.T., et al. (November 1991)
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AM							Yes No
AN							Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	26	NCBI Entrez, GenBank Report, Accession No. M27603, from Orndorff, P.E., and Palkow, S. (April 1993)				
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AL3							Yes No
AM3							Yes No
AN							Yes No
AO							Yes No
AP							Yes No

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AS	97	NCBI Entrez, GenBank Report, Accession No. X00981, from Kleemann, P. (September 1993)
AT	97	NCBI Entrez, GenBank Report, Accession No. VCBPQB, from Maita, T., and Konigsberg, W. (December 1993)

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

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AS	98	NCBI Entrez, GenBank Report, Accession No. X02514, from Yanisch-Perron, C., et al. (May 1994)
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AR	99	NCBI Entrez, GenBank Report, Accession No. X85259, from Lai, M.E., et al., (April 1995)
AS	99	NCBI Entrez, GenBank Report, Accession No. X85260, from Lai, M.E., et al. (April 1995)
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	AR	<u>100</u>	NCBI Entrez, GenBank Report, Accession No. X85275, from Lai, M.E., et al. (April 1995)				
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AR	<u>101</u>	NCBI Entrez, GenBank Report, Accession No. X85286, from Lai, M.E., et al. (April 1995)
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>102</u>	NCBI Entrez, GenBank Report, Accession No. X85293, from Lai, M.E., et al. (April 1995)
AS	<u>102</u>	NCBI Entrez, GenBank Report, Accession No. X85295, from Lai, M.E., et al. (April 1995)
AT	<u>102</u>	NCBI Entrez, GenBank Report, Accession No. X85296, from Lai, M.E., et al. (April 1995)

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.



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U.S. PATENT DOCUMENTS							
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	<u>103</u>	NCBI Entrez, GenBank Report, Accession No. X85297, from Lai, M.E., et al. (April 1995)				
	AS	<u>103</u>	NCBI Entrez, GenBank Report, Accession No. X85298, from Lai, M.E., et al. (April 1995)				
	AT	<u>103</u>	NCBI Entrez, GenBank Report, Accession No. X85299, from Lai, M.E., et al. (April 1995)				
EXAMINER	DATE CONSIDERED						
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	104	NCBI Entrez, GenBank Report, Accession No. X85301, from Lai, M.E., et al. (April 1995)				
	AS	104	NCBI Entrez, GenBank Report, Accession No. X85302, from Lai, M.E., et al. (April 1995)				
	AT	104	NCBI Entrez, GenBank Report, Accession No. X85303, from Lai, M.E., et al. (April 1995)				
EXAMINER					DATE CONSIDERED		

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AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No

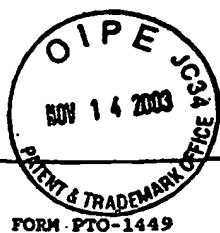
## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	105	NCBI Entrez, GenBank Report, Accession No. X85305, from Lai, M.E., et al. (April 1995)
	AS	105	NCBI Entrez, GenBank Report, Accession No. X85307, from Lai, M.E., et al. (April 1995)
	AT	105	NCBI Entrez, GenBank Report, Accession No. X85311, from Lai, M.E., et al. (April 1995)

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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	<u>106</u>	NCBI Entrez, GenBank Report, Accession No. X85314, from Lai, M.E., et al. (April 1995)				
	AS	<u>106</u>	NCBI Entrez, GenBank Report, Accession No. X85315, from Lai, M.E., et al. (April 1995)				
	AT	<u>106</u>	NCBI Entrez, GenBank Report, Accession No. X85316, from Lai, M.E., et al. (April 1995)				
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							



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AM							Yes No
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## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	107	NCBI Entrez, GenBank Report, Accession No. X85317, from Lai, M.E., et al. (April 1995)
	AS	107	NCBI Entrez, GenBank Report, Accession No. X85319, from Lai, M.E., et al. (April 1995)
	AT	107	NCBI Entrez, GenBank Report, Accession No. X80925, from Karayiannis, P. (December 1995)

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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	108	NCBI Entrez GenBank Report, Accession No. AAC50341, from Yao, Z., et al. (January 1996)				
	AS	108	NCBI Entrez, GenBank Report, Accession No. X72702, from Preisler-Adams, S., et al. (February 1996)				
	AT	108	NCBI Entrez, GenBank Report, Accession No. VCBPR7, from Weber, K., et al. (April 1996)				
EXAMINER				DATE CONSIDERED			

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	109	NCBI Entrez, GenBank Report, Accession No. 1604193A, from Gomez, P., et al. (October 1996)
	AS	109	NCBI Entrez, GenBank Report, Accession No. B56338, from Hoffman, D.R. (May 1997)
	AT	109	NCBI Entrez, GenBank Report, Accession No. U95551, from Rao, B.S., et al. (June 1997)

EXAMINER	DATE CONSIDERED
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AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	110	NCBI Entrez, GenBank Report, Accession No. S14764, from Vandermeers, A., et al. (October 1997)
AS	110	NCBI Entrez, GenBank Report, Accession No. P03611, from Weber, K., et al. (November 1997)
AT	110	NCBI Entrez, GenBank Report, Accession No. AAC14699, from Beekwilder, M.J., et al. (April 1998)

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	111	NCBI Entrez, GenBank Report, Accession No. AAC14704, from Beekwilder, M.J., et al. (April 1998)
	AS	111	NCBI Entrez, GenBank Report, Accession No. AF043593, from Gunther, S., et al. (May 1998)
	AT	111	NCBI Entrez, GenBank Report, Accession No. 1POC, from Scott, D.L., et al. (September 1998)

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AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>112</u>	NCBI Entrez, GenBank Report, Accession No. CAA30374, from Inokuchi, Y., et al. (February 1999)
AS	<u>112</u>	NCBI Entrez, GenBank Report, Accession No. X02496, from Bichko, V., et al. (April 1999)
AT	<u>112</u>	NCBI Entrez, GenBank Report, Accession No. MPIV62, from Cox, N.J., et al. (July 1999)

EXAMINER	DATE CONSIDERED

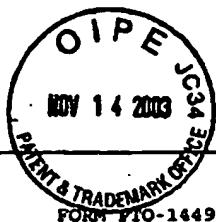
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
AR	<u>113</u>	NCBI Entrez, GenBank Report, Accession No. VCBPFR, from Wittmann-Liebold, B., et al. (July 1999)					
AS	<u>113</u>	NCBI Entrez, GenBank Report, Accession No. A59055, from Hoffman, D.R., and Schmidt, J.O. (August 1999)					
AT	<u>113</u>	NCBI Entrez, GenBank Report, Accession No. B59055, from Hoffman, D.R., and Schmidt, J.O. (August 1999)					
EXAMINER						DATE CONSIDERED	

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AM							Yes No
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AR	114	NCBI Entrez, GenBank Report, Accession No. AF051814, from Boyd, E.P., and Hartl, D.L. (September 1999)
AS	114	NCBI Entrez, GenBank Report, Accession No. AF051815, from Boyd, E.P., and Hartl, D.L. (September 1999)
AT	114	NCBI Entrez, GenBank Report, Accession No. AF110999, from Chang, S.P., et al. (October 1999)

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AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	<u>115</u>	NCBI Entrez, GenBank Report, Accession No. AB033559, from Okamoto, H., et al. (October 1999)				
	AS	<u>115</u>	NCBI Entrez, GenBank Report, Accession No. AB010289, from Koseki, T., et al. (December 1999)				
	AT	<u>115</u>	NCBI Entrez, GenBank Report, Accession No. AJ132364, from Graupner, S., et al. (April 2000)				

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	<u>116</u>	NCBI Entrez, GenBank Report, Accession No. AP237482, from Johnson, J.R., et al. (May 2000)				
	AS	<u>116</u>	NCBI Entrez, GenBank Report, Accession No. M32138, from Tong, S.P., et al. (July 2000)				
	AT	<u>116</u>	NCBI Entrez, GenBank Report, Accession No. AP229646, from Skerker, J.M., and Shapiro, L. (August 2000)				

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>117</u>	NCBI Entrez, GenBank Report, Accession No. M95589, from Shi, H., et al. (January 2001)
	AS	<u>117</u>	NCBI Entrez, GenBank Report, Accession No. VCBPM2, from Min Jou, W., et al. (January 2001)
	AT	<u>117</u>	NCBI Entrez, GenBank Report, Accession No. AF323080, from Steppan, C.M., et al. (January 2001)

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	<u>118</u>	NCBI Entrez, GenBank Report, Accession No. AP323081, from Steppan, C.M., et al. (January 2001)				
	AS	<u>118</u>	NCBI Entrez, GenBank Report, Accession No. U14003, from Plunkett, G., III, et al. (January 2001)				
	AT	<u>118</u>	NCBI Entrez, GenBank Report, Accession No. AP121239, from Hannoun, C., et al. (February 2001)				
EXAMINER					DATE CONSIDERED		
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FORM PTO-1449  <b>INFORMATION DISCLOSURE STATEMENT</b>		ATTY. DOCKET NO. 1700.0310001/BJD/SJE	APPLICATION NO. 10/617,876
		APPLICANT BACHMANN et al.	
		FILING DATE July 14, 2003	GROUP 1614

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>119</u>	NCBI Entrez, GenBank Report, Accession No. AF121240, from Hannoun, C., et al. (February 2001)
AS	<u>119</u>	NCBI Entrez, GenBank Report, Accession No. AF121242, from Hannoun, C., et al. (February 2001)
AT	<u>119</u>	NCBI Entrez, GenBank Report, Accession No. X59795, from Lai, M.E., et al. (March 2001)

EXAMINER	DATE CONSIDERED

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>120</u>	NCBI Entrez, GenBank Report, Accession No. X65257, from Lai, M.E., et al. (March 2001)
	AS	<u>120</u>	NCBI Entrez, GenBank Report, Accession No. X65258, from Lai, M.E., et al. (March 2001)
	AT	<u>120</u>	NCBI Entrez, GenBank Report, Accession No. AP151735, from Gerner, P., et al. (April 2001)

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	121	NCBI Entrez, GenBank Report, Accession No. AJ000636, from Gousset, N., et al. (November 2001)				
	AS	121	NCBI Entrez, GenBank Report, Accession No. AAB59424, from Kenten, J.H., et al. (February 2002)				
	AT	121	NCBI Entrez, GenBank Report, Accession No. AAC06250, from Beekwilder, M.J., et al. (March 2002)				
EXAMINER					DATE CONSIDERED		
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	122	NCBI Entrez, GenBank Report, Accession No. L09137, from Yanisch-Perron, C., et al. (May 2002)				
	AS	122	NCBI Entrez, GenBank Report, Accession No. O09006, from Hromas, R., et al. (June 2002)				
	AT	122	NCBI Entrez, GenBank Report, Accession No. P40224, from Nagasawa, T., et al. (June 2002)				

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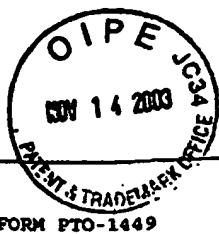
## FOREIGN PATENT DOCUMENTS

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AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	<u>123</u>	NCBI Entrez, GenBank Report, Accession No. P34884, from Bernhagen, J., et al. (June 2002)
AS	<u>123</u>	NCBI Entrez, GenBank Report, Accession No. P06821, from Winter, G., et al. (June 2002)
AT	<u>123</u>	NCBI Entrez, GenBank Report, Accession No. P30904, from Sakai, M., et al. (June 2002)

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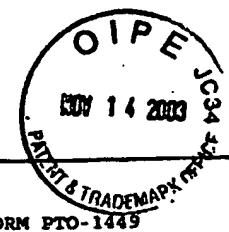
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
<b>OTHER (Including Author, Title, Date, Pertinent Pages, etc.)</b>							
	AR	124	NCBI Entrez, GenBank Report, Accession No. NP_040754, from Inokuchi, Y., et al. (June 2003)				
	AS	124	NCBI Entrez, GenBank Report, Accession No. NP_061354, from Ishikawa, S., et al. (September 2003)				
	AT	124	NCBI Entrez, GenBank Report, Accession No. NP_031804, from Lenda, D.M., et al. (September 2003)				
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	125	NCBI Entrez, GenBank Report, Accession No. NP_006410, from Luther, S.A., et al. (September 2003)				
	AS	125	NCBI Entrez, GenBank Report, Accession No. NP_000748, from Yao, G.Q., et al. (September 2003)				
	AT	125	NCBI Entrez, GenBank Report, Accession No. P03069, from Hinnebusch, A.G., et al. (September 2003)				
EXAMINER				DATE CONSIDERED			

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AR	126	NCBI Entrez, GenBank Report, Accession No. 000585, from Hromas, R., et al. (September 2003)				
	AS	126	NCBI Entrez, GenBank Report, Accession No. P14174, from Weiser, W.Y., et al. (September 2003)				
	AT	126	NCBI Entrez, GenBank Report, Accession No. P48061, from Spotila, L.D., et al. (September 2003)				
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FOREIGN PATENT DOCUMENTS						
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AL						Yes No
AM						Yes No
AN						Yes No
AO						Yes No
AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)						
EXAMINER	DATE	REFERENCE NUMBER	DESCRIPTION			
AR	127		NCBI Entrez, GenBank Report, Accession No. P80003, from Vandermeers, A., et al. (September 2003)			
AS	127		Swiss-Prot/TrEMBL, TN11_Mouse, Primary Accession No. O35235, entered in Swiss-Prot in October 2001			
AT	127		Swiss-Prot/TrEMBL, TN11_Human, Primary Accession No. O14788, entered in Swiss-Prot in October 2001			

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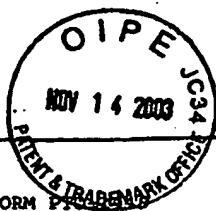
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
<i>MM</i>	AR	<u>128</u>		Copy of co-pending U.S. application 10/264,267, inventors Bachmann, M., filed October 4, 2002 (NOT PUBLISHED)			
	AS	<u>128</u>		Copy of co-pending U.S. application 10/289,456, inventors Bachmann et al., filed November 7, 2002 (NOT PUBLISHED)			
	AT	<u>128</u>		Copy of co-pending U.S. application 10/346,190, inventors Bachmann et al., filed January 17, 2003 (NOT PUBLISHED)			

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AL							Yes No
AM							Yes No
AN							Yes No
AO							Yes No
AP							Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
M	AR	129		Copy of co-pending U.S. application 10/622,064, inventors Bachmann et al., filed July 18, 2003 (NOT PUBLISHED)			
	AS	129		Copy of co-pending U.S. application 10/622,087, inventors Bachmann et al., filed July 18, 2003 (NOT PUBLISHED)			
↓	AT	129		Copy of co-pending U.S. application 10/622,124, inventors Bachmann et al., filed July 18, 2003 (NOT PUBLISHED)			

EXAMINER	Mosley	DATE CONSIDERED	6-22-05
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.			